



11/Suppl B  
3/3/03  
DBell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/742,029 Confirmation No.: 8669  
First Named Inventor: Guoheng Zhao et al. Filing Date: December 20, 2000  
Group Art Unit: 2877 Examiner: Zandra V. Smith  
Atty. Docket No.: M-10696 US  
Title: SYSTEMS FOR MEASURING PERIODIC STRUCTURES  
Assignee: KLA-TENCOR TECHNOLOGIES CORPORATION

San Francisco, California  
February 13, 2003

BOX FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

SUPPLEMENTAL AMENDMENT

Dear Sir:

Further to the Amendment filed on February 3, 2003, please amend the application as follows:

02/20/2003 HLE333 00000063 09742029

02 FC:1201 336.00 0P  
03 FC:1202 378.00 0P

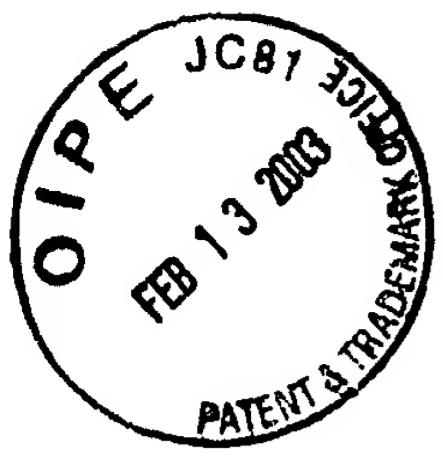
IN THE CLAIMS:

Please add claims 81-101.

The following is a clean version of the pending claims. The attachment entitled "Version With Markings To Show Changes Made" provides a marked up version of the amended claims.

1. A method for measuring one or more parameters of a periodic structure, comprising:

directing a polychromatic beam of electromagnetic radiation to the structure;  
collecting radiation from the beam after it has been modified by the structure;



PARSONS HSUE & de RUNTZ LLP  
580 California Street, 5<sup>th</sup> Floor  
San Francisco, CA 94104  
(415) 283-3275

February 13, 2003

Box FEE AMENDMENT  
Commissioner For Patents  
Washington, D.C. 20231

Re: Application No.: 09/742,029 Confirmation No.: 8669  
First Inventor: Guoheng Zhao et al. Filing Date: December 20, 2000  
Group Art Unit: 2877 Examiner: Zandra V. Smith  
Atty. Docket No.: M-10696 US  
Title: SYSTEMS FOR MEASURING PERIODIC STRUCTURES  
Assignee: KLA-TENCOR TECHNOLOGIES CORPORATION

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (in duplicate);
- (3) Supplemental Amendment (22 pgs.); and
- (4) Information Disclosure Statement and PTO Form 1449 (including 1 cited reference).

The fee has been calculated as shown below:

CLAIMS AS AMENDED

	<u>Claims Remaining <i>After Amendment</i></u>		Highest No. <u>Previously Paid For</u>	=	Present <u>Extra</u>	<u>Rate</u>	<u>Additional Fee</u>
Total Claims	101	Minus	80	=	21	x \$18.00	\$ 378.00
Independent Claims	14	Minus	10	=	4	x \$84.00	\$ 336.00
<input checked="" type="checkbox"/> Fee for filing Information Disclosure Statement							\$ 180.00
<b>Total additional fee for this Amendment:</b>						\$	\$ 894.00
<input checked="" type="checkbox"/> Enclosed is a check in the amount of \$894.00 to cover these fees.						\$	\$ 894.00

EXPRESS MAIL LABEL NO:

EV 212983148 US

Respectfully submitted,

James S. Hsue  
Attorney for Applicants  
Reg. No. 29,545

TECHNICAL DIVISION 2800  
FEB 24 2003

RECEIVED